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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/821,587	03/29/2001	Darin Wayne Higgins	108344.00020	3453

22852 7590 03/26/2003

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EXAMINER

WANG, JIN CHENG

ART UNIT	PAPER NUMBER
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2672

DATE MAILED: 03/26/2003

5

Please find below and/or attached an Office communication concerning this application or proceeding.

2

Office Action Summary

Application No.

09/821,587

Applicant(s)

HIGGINS ET AL.

Examiner

Jin-Cheng Wang

Art Unit

2672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 16-18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claim 16 or 17 or 18 recites the limitation "whose contents" in line 1 of the claim.

There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Tamano et al.

U.S. Patent No. 6,032,157.

5. Claim 1:

Art Unit: 2672

U.S. Pat. No. 6,032,157 to Tamano et al. teaches a method for manipulating a map (e.g., Summary of the Invention, column 4, lines 6-19, figure 10(c), column 6, lines 32-67); and displaying a first map in one area of a display (Summary of the Invention, figure 10(c), column 6, lines 32-67, column 8, lines 34-67, column 9, lines 1-11);

Displaying a second map in a second area of the display (Summary of the Invention, figure 10(c), column 6, lines 32-67, column 8, lines 34-67, column 9, lines 1-11),

wherein the first map and the second map depict at least a portion of an identical geographic region (Summary of the Invention, figure 10(c), column 6, lines 32-67, column 8, lines 34-67, column 9, lines 1-11);

Making an annotation on a first region of the first map (column 6, lines 57-67); and

Updating the second map to display the annotation at a geographic region that corresponds to the first region of the first map (figure 10(c), column 6, lines 32-67, column 8, lines 34-67, column 9, lines 1-11).

- The Examiner notes that Tamano teaches in figure 1 and column 4, lines 26-53 the first image information 1 is a residence map and the second image information 2 is a road map.
- The Examiner notes that Tamano teaches in column 6, lines 32-67 a first region of the first map and a second region of the second map.
- The Examiner notes that Tamano teaches in column 4, lines 26-53 and column 6, lines 32-67 making an annotation on a first region of the first map by using

the cursor 103 or moving a finger or hand on a touch panel attached to the display screen.

Claim 2:

The claim 2 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of “selecting a second map.” However, Tamano further discloses the claimed limitation of selecting a second map (column 4, lines 26-53 and column 6, lines 32-67).

Claim 3:

The claim 3 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of “selecting a first map.” However, Tamano further discloses the claimed limitation of selecting a first map (column 4, lines 26-53 and column 6, lines 32-67).

Claim 4:

The claim 4 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of “receiving a display of a second map that is automatically associated with the first map.” However, Tamano further discloses the claimed limitation of receiving a display of a second map that is automatically associated with the first map (column 4, lines 26-53 and column 6, lines 32-67).

Claim 5:

The claim 5 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of the first map being a vector map. However, Tamano further discloses the claimed limitation of the first map being a vector map (column 1, lines 7-67, column 4, lines 26-53 and column 6, lines 32-67).

Art Unit: 2672

Claim 6:

The claim 6 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of the first map being a digital raster map. However, Tamano further discloses the claimed limitation of the first map being a digital raster map (column 1, lines 7-67, column 4, lines 26-53 and column 6, lines 32-67).

Claim 7:

The claim 7 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of the first map being a vector map and the second map being a digital raster map. However, Tamano further discloses the claimed limitation of the first map being a vector map and the second map being a digital raster map (column 1, lines 7-67, column 4, lines 26-53 and column 6, lines 32-67).

Claim 8:

The claim 8 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of the first map being a digital raster map and the second map being a vector map. However, Tamano further discloses the claimed limitation of the first map being a digital raster map and the second map being a vector map (column 1, lines 7-67, column 4, lines 26-53 and column 6, lines 32-67).

Claim 9:

The claim 9 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of the user manipulating the first map. However, Tamano further discloses the claimed limitation of the user manipulating the first map (column 1, lines 7-67, column 2, lines 53-65, column 4, lines 26-53 and column 6, lines 32-67).

Art Unit: 2672

Claim 10:

The claim 10 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of the user manipulating the second map. However, Tamano further discloses the claimed limitation of the user manipulating the second map (column 1, lines 7-67, column 2, lines 40-52, column 4, lines 26-53 and column 6, lines 32-67).

Claim 11:

The claim 11 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of receiving a display of a second region associated with a second map, the second region being geographically substantially similar to the first region. However, Tamano further discloses the claimed limitation of receiving a display of a second region (part 104) associated with a second map, the second region being geographically substantially similar to the first region (part 105) (figure 10(c), column 4, lines 44-46, column 6, lines 32-67).

Claim 12:

The claim 12 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of changing a view of the first map. However, Tamano further discloses the claimed limitation of changing a view of the first map (column 3, lines 15-25).

Claim 13:

The claim 13 encompasses the same scope of invention as that of claim 12 except additional claimed limitation of receiving a display in response to the user interaction. However, Tamano further discloses the claimed limitation of receiving a display in response to the user interaction (column 1, lines 7-67, column 2, lines 40-52, column 4, lines 26-53 and column 6, lines 32-67).

Art Unit: 2672

Claim 14:

The claim 14 encompasses the same scope of invention as that of claim 13 except additional claimed limitation of receiving a display of the second map, the display of the second map being representative of the responsive display of the first map. However, Tamano further discloses the claimed limitation of receiving a display of the second map, the display of the second map being representative of the responsive display of the first map (column 1, lines 7-67, column 2, lines 40-52, column 4, lines 26-53 and column 6, lines 32-67).

6. Claim 15:

The claim 15 encompasses the same scope of invention as that of claim 1 except additional claimed limitation of a computer readable medium containing instructions executable by a computer to manipulate a map. However, Tamano further discloses the claimed limitation of a computer readable medium containing instructions executable by a computer to manipulate a map (column 5, lines 7-20).

Claim 16:

The claim 16 encompasses the same scope of invention as that of claim 15 except additional claimed limitation of enabling viewer referencing of at least the first map. However, Tamano further discloses the claimed limitation of enable viewer referencing of at least the first map (see e.g., column 1, lines 7-67, column 2, lines 40-52, column 4, lines 26-53 and column 6, lines 32-67).

Claim 17:

The claim 17 encompasses the same scope of invention as that of claim 15 except additional claimed limitation of receiving a command to change a map view; and receiving a responsive display of the first map, the responsive display being representative of the user interaction. However, Tamano further discloses the claimed limitation of receiving a command to change a map view; and receiving a responsive display of the first map, the responsive display being representative of the user interaction (see e.g., column 1, lines 7-67, column 2, lines 40-52, column 4, lines 26-53 and column 6, lines 32-67).

Claim 18:

The claim 18 encompasses the same scope of invention as that of claim 15 except additional claimed limitation of receiving of a display of a second region on the second map, the second region being geographically substantially similar to the first region. However, Tamano further discloses the claimed limitation of receiving of a display of a second region on the second map, the second region being geographically substantially similar to the first region (see e.g., column 1, lines 7-67, column 2, lines 40-52, column 4, lines 26-53 and column 6, lines 32-67).

7. Claim 19:

The claim encompasses the same scope of invention as that of claim 1 except additional claimed limitation of an apparatus for manipulating a map. However, Tamano further discloses the claimed limitation of an apparatus for manipulating a map (figure 2, see e.g., column 1, lines 7-67, column 2, lines 40-52, column 4, lines 26-53 and column 6, lines 32-67).

Claim 20:

Art Unit: 2672

The claim 20 encompasses the same scope of invention as that of claims 19 and 16-18.

The claim is rejected for the same reason as set forth in above.

Remarks

8. Applicant's arguments, filed 02/19/2003, paper number 4, have been fully considered. The Tamano reference is more relevant to address the amended claim 1 and the related claims since applicant has changed its scope of invention by having amended the claim 1 and related claims.

9. Applicant argues in essence with respect to claims 1, 15 and 19 that:

"The cited prior art fails to teach or suggest the Applicant's claimed invention."

In response, the examiner asserts that the prior art teach the Applicant's claimed invention. In particular,

- Tamano teaches, in figure 1 and column 4, lines 26-53, the first image information 1 is a residence map and the second image information 2 is a road map.
- Tamano teaches, in column 6, lines 32-67, a first region of the first map and a second region of the second map.
- Tamano teaches, in column 4, lines 26-53 and column 6, lines 32-67, making an annotation on a first region of the first map by using the cursor 103 or moving a finger or hand on a touch panel attached to the display screen.

Therefore, Tamano fulfills the claims as currently drafted.

Conclusion

Art Unit: 2672

10. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jin-Cheng Wang whose telephone number is (703) 605-1213. The examiner can normally be reached on 8:00 AM - 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mike Razavi can be reached on (703) 305-4713. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-6606 for regular communications and (703) 308-6606 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 395-3900.

Application/Control Number: 09/821,587

Page 11

Art Unit: 2672

jcw

March 20, 2003

A handwritten signature in black ink, consisting of a stylized 'M' and 'R' followed by a long horizontal line extending to the right.

MICHAEL RAZAVI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600